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## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER 05902/HG

U.S. APPLICATION NO. (If Known, see 37 CER 1.5)

INTERNATIONAL APPLICATION NO. PCT/JP2003/008291	INTERNATIONAL FILING DATE 30 JUNE 2003	PRIORITY DATE CLAIMED NONE							
TITLE OF INVENTION  MOX FUEL ASSEMBLY FOR PRESSURIZED NUCLEAR REACTORS									
APPLICANT(S) FOR DO/EO/US  Yasushi HANAYAMA; and Mitsuru KAWAMURA									
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.									
2. This is a SECOND or SUBSEQUI	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4. X The US has been elected (Article	The US has been elected (Article 31).								
5. A copy of the International Appl	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
a. is attached hereto (red	a. is attached hereto (required only if not communicated by the International Bureau).								
b. X has been communicate	b. X has been communicated by the International Bureau.								
c. is not required, as the	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6. An English language translation	An English language translation of the international Application as filed (35 U.S.C. 371(c)(2)).								
a. X Is attached hereto.	a. Is attached hereto.								
b. has been previously s	b. has been previously submitted under 35 U.S.C. 154(d)(4).								
7. Amendments to the claims of th	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
a. are attached hereto (	a. are attached hereto (required only if not communicated by the International Bureau).								
b. have been communic	b.  have been communicated by the International Bureau.								
c. have not been made	c. have not been made; however, the time limit for making such amendments has NOT expired.								
d. have not been made	d. have not been made and will not be made.								
8. An English language translation	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9. X An oath or declaration of the inv	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
Items 11 to 20 below concern document(s) or information included:									
11. X An Information Disclosure State	nent under 37 CFR 1.97 and 1.98.								
12. X An assignment document for re	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.								
13. X A preliminary amendment.	A preliminary amendment.								
14. An Application Data Sheet under	An Application Data Sheet under 37 CFR 1.76.								
15. A substitute specification.	A substitute specification.								
16. X A power of attorney and/or char	A power of attorney and/or change of address letter.								
17. A computer-readable form of the	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.								
18. A second copy of the published	A second copy of the published International Application under 35 U.S.C. 154(d)(4).								
19. A second copy of the English la	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).								
20. X Other items or Information:	Express Mail Label No. EV 72 Date of Deposit: December 23								

Copy of:
(i) REQUEST PCT/RO/101; (ii) NOTIFICATION PCT/IB/301;
(iii) NOTICE PCT/IB/308; (iv) INTERNATIONAL SEARCH REPORT
(English language); (v) REQUEST FOR PUBLICATION OF ASSIGNMENT
INFO.; (vI) WO 2005/004167 A1; (vII) 6 sheets drawlngs (Figs. 1-6)

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above with sufficient postage, and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450

Lori Valdes

IAP17 Rec'd PCT/PTO 2.4 DE CTC 480 Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
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U.S. APPLICATION NO. (If known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. PCT/JP2003/008291			05902/HG					
The following fees have been submitted					CALCULATIONS	PTO USE ONLY		
21. Sasic national fee\$300				\$300	\$ 300.00			
If International p PCT Article 3:	nination fee reliminary examin 3(1)-(4)ns	\$ 200.00						
23. X Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					\$ 400.00			
TOTAL OF 21, 22 and 23 =					\$ 900.00			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets		ch additional 50 or fraction I up to a whole number)	RATE				
22 - 100 =	0 /50 =	:	0	x \$250	\$ .00			
Surcharge of \$13 claimed priority d	00.00 for furnishing late (37 CFR 1.49	\$ .00						
CLAIMS	NUME	ER FILED	NUMBER EXTRA	RATE	\$			
Total claims	9	- 20 =	0	x \$50 .	\$ .00			
Independent clair	ms 1	-3=	0	x \$200	\$ .00			
				+ \$360	\$ .00			
			TOTAL OF ABOVE	CALCULATIONS =	\$ 900.00			
Applicant cla	ims small entity s							
		\$ 900.00						
	f \$130.00 for furni late (37 CFR 1.49	\$ .00	•					
TOTAL NATIONAL FEE =					\$ 900.00	·		
	the enclosed ass cover sheet (37	\$ 40.00						
		\$ 940.00						
		Amount to be	\$ .00					
		refunded: Amount to be	\$ .00					
a. A check in the amount of \$ to cover the above fees is enclosed.								
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.								
c. X  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1378. A duplicate copy of this sheet is enclosed.								
d. X Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
SEND ALL CORRESPONDENCE TO:								
CUSTOMER NO. 01933								
HERBERT GOODMAN Herbert Goodman								
Frishauf, Holtz, Goodman & Chick P.C. NAME								
220 5TH AVE FL 16  NEW YORK NY 10001-7708  17,081  REGISTRATION NUMBER								